Amendments to the Claims

The current listing of the claims replaces all previous amendments and listings of the claims.

1. (Currently Amended) A light scanning apparatus configured to scan a scanned face with a light beam, comprising:

a liquid crystal element configured to deflect the light beam to adjust the position of a light spot of said light beam formed on the scanned face, said liquid crystal element being provided between a light source and a polygon mirror; and

a compensating unit configured to compensate a light intensity of the light beam at the scanned face due to a change caused by an adjustment of a position of the light spot, wherein said light scanning apparatus scans said scanned face with a plurality of N light beams emitted by N light sources, and said liquid crystal element further comprises at least N-1 deflecting units located between said light source and ~~a scanning unit~~ said polygon mirror, wherein each of the deflecting units deflects a corresponding one of the plurality of light beams in sub-scan directions and adjusts scan line pitch.

2. (Canceled)

3. (Previously Presented) The light scanning apparatus as claimed in claim 1, wherein said liquid crystal element further comprises a liquid crystal deflecting element.

4. (Previously Presented) The light scanning apparatus as claimed in claim 1, wherein said deflecting unit further comprises a semiconductor laser and a coupling lens combined

with a holder rotatable around an axis parallel to the optical axis of said coupling lens, the emission source of said semiconductor laser being eccentric to said optical axis.

5. (Previously Presented) The light scanning apparatus as claimed in claim 4, wherein said deflecting unit further comprises an aperture combined with said holder configured to shape said light beam, said aperture being eccentric to the light path of said light beam emitted by said semiconductor laser and passing through the center of said coupling lens.

6. (Currently Amended) A light scanning apparatus configured to scan a scanned face with a light beam, comprising:

a liquid crystal element configured to deflect the light beam to adjust the position of a light spot of said light beam formed on the scanned face, said liquid crystal element being provided between a light source and a polygon mirror; and

a compensating unit configured to compensate a light intensity of the light beam at the scanned face due to a change caused by an adjustment of a position of the light spot, wherein said liquid crystal element further comprises a second liquid crystal deflecting element array having a plurality of liquid crystal deflecting elements arrayed in main-scan ~~directions~~ direction, each of which is configured to deflect said light beam in sub-scan ~~directions~~ direction, said second liquid crystal deflecting element array being provided between said polygon mirror and said scanned face.

7. (Previously Presented) The light scanning apparatus as claimed in claim 1, further comprising a detecting unit configured to detect the intensity of said light beam.

8. (Previously Presented) A light scanning apparatus configured to scan a scanned face with a light beam, comprising:

a liquid crystal element configured to deflect the light beam to adjust the position of a light spot of said light beam formed on the scanned face, said liquid crystal element being provided between a light source and a polygon mirror;

a compensating unit configured to compensate a light intensity of the light beam at the scanned face due to a change caused by an adjustment of a position of the light spot; and

a detecting unit configured to detect the intensity of said light beam, wherein said detecting unit is further configured to detect said light beam for synchronization of light scanning.

9. (Previously Presented) The light scanning apparatus as claimed in claim 1, wherein said compensating unit is configured to control the radiation intensity of said light source.

10. (Currently Amended) A light scanning apparatus configured to scan a scanned face with a light beam, comprising:

a liquid crystal element configured to deflect the light beam to adjust the position of a light spot of said light beam formed on the scanned face, said liquid crystal element being provided between a light source and a polygon mirror;

a compensating unit configured to compensate a light intensity of the light beam at the scanned face due to a change caused by an adjustment of a position of the light spot; and

an aperture provided between said light source and said ~~scanning unit~~ polygon mirror and configured to shape said light beam, wherein said compensating unit is configured to displace said aperture.

11. (Canceled)

12. (Original) The light scanning apparatus as claimed in claim 1, further comprising a resin lens provided in the optical path from said light source to said scanned face.

13. (Currently Amended) An image forming apparatus, comprising:

a photosensitive medium; and

a light scanning apparatus configured to scan a scanned face of said photosensitive medium with a light beam, said light scanning apparatus further comprising:

a liquid crystal element configured to deflect the light beam to adjust the position of a light spot of said light beam formed on said photosensitive medium, said liquid crystal element being provided between a light source and a polygon mirror; and

a compensating unit configured to compensate the light intensity of the light beam at the photosensitive medium due to a change caused by the adjustment of said position of the light spot, wherein said light scanning apparatus scans said scanned face with a plurality of N light beams emitted by N light sources, and said liquid crystal element further comprises at least N-1 deflecting units located between said light source and ~~a scanning unit~~ said polygon mirror, wherein each of the deflecting units deflects a corresponding one of the plurality of light beams in sub-scan directions and adjusts scan line pitch.

14. (Previously Presented) The image forming apparatus as claimed in claim 13, wherein said photosensitive medium is a photoconductive photosensitive body, and an electrostatic latent image formed by the light scanning is made visible by being converted into a toner image.

15. (Previously Presented) An image forming apparatus, comprising:

a photosensitive medium; and

a light scanning apparatus configured to scan said photosensitive medium with a light beam, said light scanning apparatus further comprising:

a liquid crystal element configured to deflect the light beam to adjust the position of a light spot of said light beam formed on said photosensitive medium, said liquid crystal element being provided between a light source and a polygon mirror; and

a compensating unit configured to compensate the light intensity of the light beam at the photosensitive medium due to a change caused by the adjustment of said position of the light spot, wherein said photosensitive medium is a photoconductive photosensitive body, an electrostatic latent image formed by the light scanning is made visible by being converted into a toner image, said light scanning apparatus is configured to scan said photoconductive photosensitive body with a plurality of N light beams emitted by N light sources, and said liquid crystal element further comprises at least N-1 deflecting units located between said light source and said polygon mirror, each of the deflecting units being configured to deflect a corresponding one of the plurality of light beams in a sub-scan direction and to adjust a scan line pitch.

16. (Original) The image forming apparatus as claimed in claim 13, wherein said image forming apparatus is a tandem type in which one or more photosensitive bodies that are drum-shaped or belt-shaped are provided along the path of a toner image medium, and a toner image formed on each photosensitive body is transferred to said toner image medium generating a composite color image.

17. (Previously Presented) The image forming apparatus as claimed in claim 16, wherein four photosensitive bodies are provided corresponding to magenta, cyan, yellow, and black, or three photosensitive bodies are provided corresponding to red, green, and blue.

18-30. (Canceled)

31. (Previously Presented) A light scanning apparatus, comprising:

a liquid crystal element configured to deflect a light beam from a light source to adjust the position of a light spot formed by said light beam on a scanned face, wherein the ratio of a change in transmissivity (%) of said liquid crystal element caused by the deflection to a deflecting angle (minute) is equal to or smaller than 2.0 (%/minute).

32. (Original) The light scanning apparatus as claimed in claim 31, wherein said ratio is equal to or smaller than 2.0 (%/minute) in 10 or more ranges of said deflecting angle, said ranges appearing cyclically.

33. (Previously Presented) The light scanning apparatus as claimed in claim 31, further comprising:

a detecting unit configured to detect the intensity of said light beam on said scanned face.

34. (Previously Presented) The light scanning apparatus as claimed in claim 31, further comprising a compensating unit configured to compensate the intensity of said light beam on said scanned face.

35. (Previously Presented) An image forming apparatus, comprising:

a scanned face; and

a light scanning apparatus configured to scan said scanned face with a light beam and to form an electrostatic latent image on said scanned face, wherein said light scanning apparatus further comprises:

a liquid crystal element configured to deflect said light beam from a light source to adjust the position of a light spot formed by said light beam on said scanned face, wherein the ratio of a change in transmissivity (%) of said liquid crystal element caused by the deflection to a deflecting angle (minute) is equal to or smaller than 2.0 (%/minute).

36. (Canceled)